

CLAIM AMENDMENTS

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1. (currently amended) Method for recording and storing the optically detectable data of an object on a storage medium, ~~characterized in that a comprising the steps of making sequence~~ of a plurality of individual recordings of the object ~~are made with a single camera at various spatial settings with respect to the relative position between the object and the camera without adjusting camera settings; in that determining~~ the sharply imaged areas of the individual recordings ~~are determined; and in that assembling~~ the sharply imaged areas of all the individual recordings ~~are assembled to form at least one or a plurality of resulting images image.~~
 2. (currently amended) Method as defined in Claim 1, ~~characterized in that further comprising the steps of storing~~ the individual recordings are stored in a computer; ~~in that the whereby in the~~ sharply imaged areas of the individual recordings are determined by the computer with the aid of digital methods; and ~~in that~~ the resulting images are assembled with the aid of the computer.
 3. (currently amended) Method as defined in Claim 2, ~~characterized in that wherein~~ the sharply imaged areas are determined by digital formation of the derivative.
 4. (currently amended) Method as defined in Claim 1, ~~Claim~~, characterized in that wherein the parameters for recording the a sequence of individual recordings are predetermined by a computer; and ~~in that~~ the sequence of the recording is controlled by ~~this~~ the computer.
 5. (currently amended) Method as defined in Claim 1, ~~characterized in that wherein~~ the recording of the ~~sequence of~~ individual recordings is started automatically.
 6. (currently amended) Method as defined in Claim 5, ~~characterized in that wherein~~ the recording ~~of the sequence of~~ individual recordings is started by means of a photoelectric barrier.
 7. (currently amended) Method as defined in Claim 1, ~~characterized in that wherein~~ the individual recordings are made at fixed, predetermined time intervals.

8. (currently amended) Method as defined in Claim 1, characterized in that wherein the individual recordings are made at fixed, predetermined relative distances between the camera and the object.
9. (currently amended) Method as defined in Claim 1, characterized in that wherein a CCD camera is used as the camera for recording the sequence of individual recordings.
10. (currently amended) Method as defined in Claim 1, characterized in that further comprising the steps of storing all the individual recordings of the sequence are stored in the a computer; and in that determining the sharply image areas are identified after recording of the sequence of individual recordings has been concluded.
11. (currently amended) Method as defined in Claim 1, characterized in that wherein the sharply imaged areas of the individual recording of the sequence recordings are identified and incorporated into the resulting image immediately after they the individual recordings have been recorded made.
12. (currently amended) Method as defined in Claim 1, characterized in that wherein the a plurality of resulting images is are assembled from the sequence of individual recordings, different areas of the object or different features of the object being shown in the resulting images in each instance.
13. (currently amended) Method as defined in Claim 1, characterized in that further comprising the steps of dividing an image plane is divided into a plurality of areas; and in that processing the areas are processed in parallel.
14. (currently amended) Method as defined in Claim 1, characterized in that wherein it the at least one resulting image is used to identify the features of a finger.
15. (currently amended) Method as defined in Claim 1, characterized in that further comprising the steps of illuminating the object is illuminated with a light source.

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16. (currently amended) Method as defined in Claim 5 15, characterized in that wherein a pulsed light source that is synchronized with the camera is used.
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17. (currently amended) Method as defined in Claim 15, characterized in that wherein the object is illuminated by a plurality of light sources of different wavelength ranges and in different arrangements.
18. (currently amended) Method as defined in Claim 15, characterized in that wherein the object is illuminated as long as it is moving towards the camera and away from the camera.
19. (currently amended) Method as defined in Claim 15, characterized in that wherein only the areas of the object that are within the focus of the camera are illuminated.
20. (currently amended) Apparatus for carrying out a method according to Claim 1, characterized in that comprising a computer, a camera, and a control device are provided.